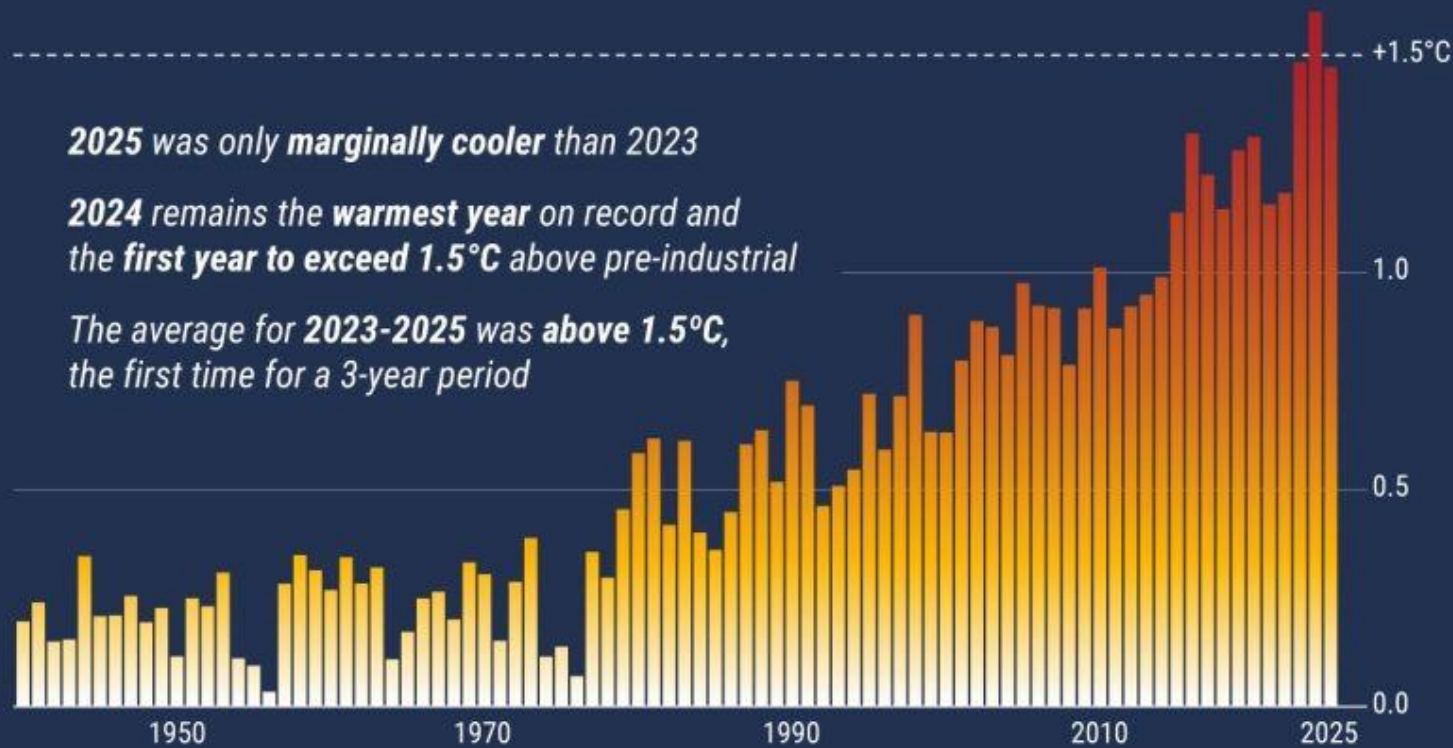


# European Framework for Climate Resilience

6 February 2026

## 2025 was the third-warmest year on record

Global annual surface air temperature increase above pre-industrial level since 1940



2025 was only *marginally cooler* than 2023

2024 remains the *warmest year on record* and the *first year to exceed 1.5°C* above pre-industrial

The average for 2023-2025 was *above 1.5°C*, the first time for a 3-year period

Data: ERA5 • Reference period: pre-industrial (1850–1900) • Credit: C3S/ECMWF



PROGRAMME OF  
THE EUROPEAN UNION



IMPLEMENTED BY  
ECMWF

# Temperatures keep rising fast



# Changing multipolar world

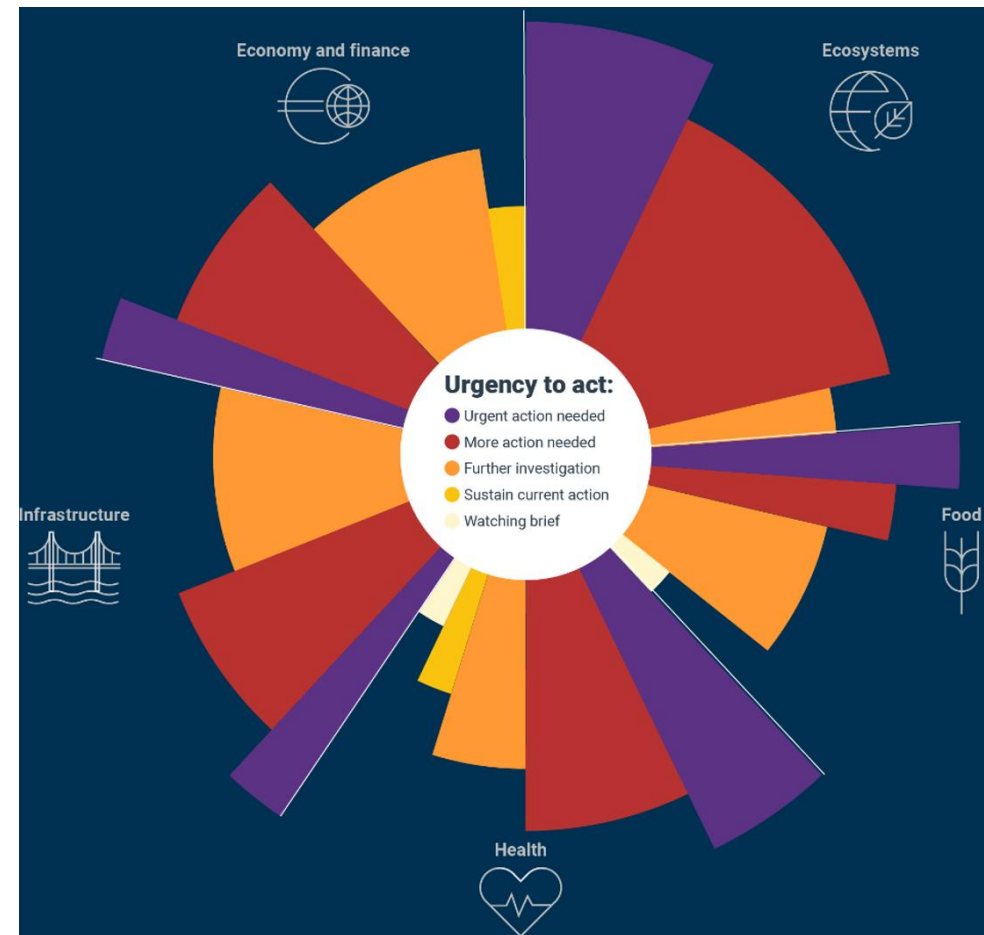
- Increased instability, geopolitical shifts, power competition
- Climate risks = threat multiplier
  - Melting of the Arctic = security threat
  - Scarcity of water resources = increased tensions
  - Prolonged droughts = crippling agriculture, social instability
- Without further action → increased impacts and losses on livelihoods, ecosystems and economies

# European Climate Risk Assessment - EUCRA

Published by the EEA in March 2024

## Key takeaways

- Climate risk drivers are accelerating
- Several risks are already at critical level
- EU & Member States' policy preparedness is lagging

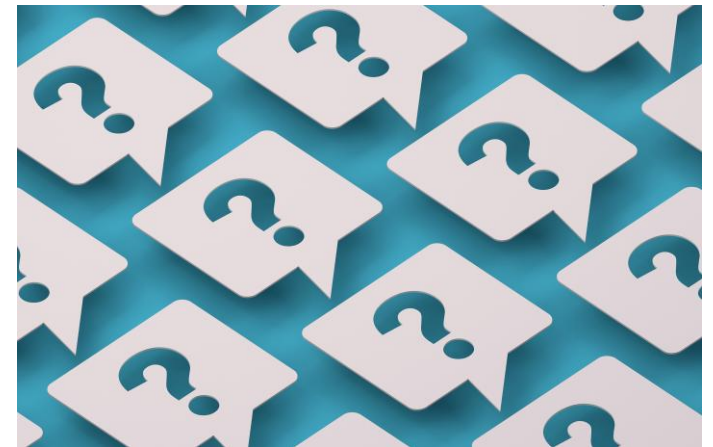


EUCRA identifies 36 key risks for Europe, grouped in five clusters.

<https://www.eea.europa.eu/publications/european-climate-risk-assessment>

# Challenge

**European economy and society are not prepared for current and future climate risks**



# Vision

**Trigger and ensure transformational change to make the EU and Member States better prepared and more resilient to climate impacts**





## Enhanced climate resilience

- **P**REVENT economic losses and costs
- **P**ROTECT people and assets at risk
- **P**REPARE competitive business models for a changing climate
- **P**ROSPER by exploring new opportunities

Recovery & reactive mode



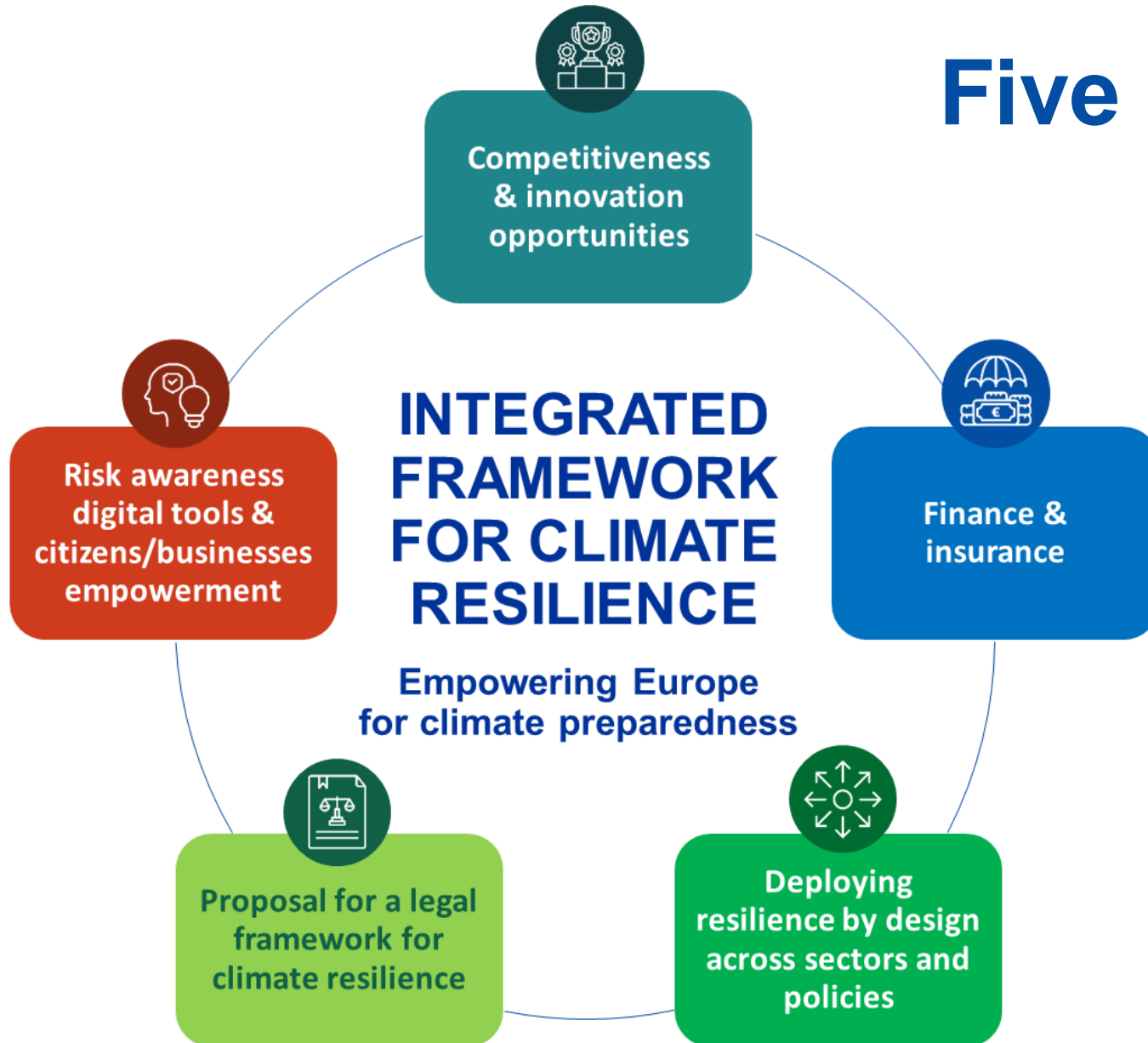
**Preparedness & proactive risk management**

# Climate resilience – indispensable for competitiveness, security and prosperity

## Key recent initiatives

- Preparedness Union Strategy
- EU Competitiveness Compass
- Multiannual Financial Framework
- Vision for Agriculture and Food
- Water Resilience Strategy

# Five key components





**Proposal for a legal  
framework for  
climate resilience**

➤ **Underlying issues:**

- o Current EU adaptation policy framework not fit-for-purpose
- o Sectoral EU policies not embedding climate resilience
- o Limited cross-sectoral co-operation
- o Increasing demand from public and private sector

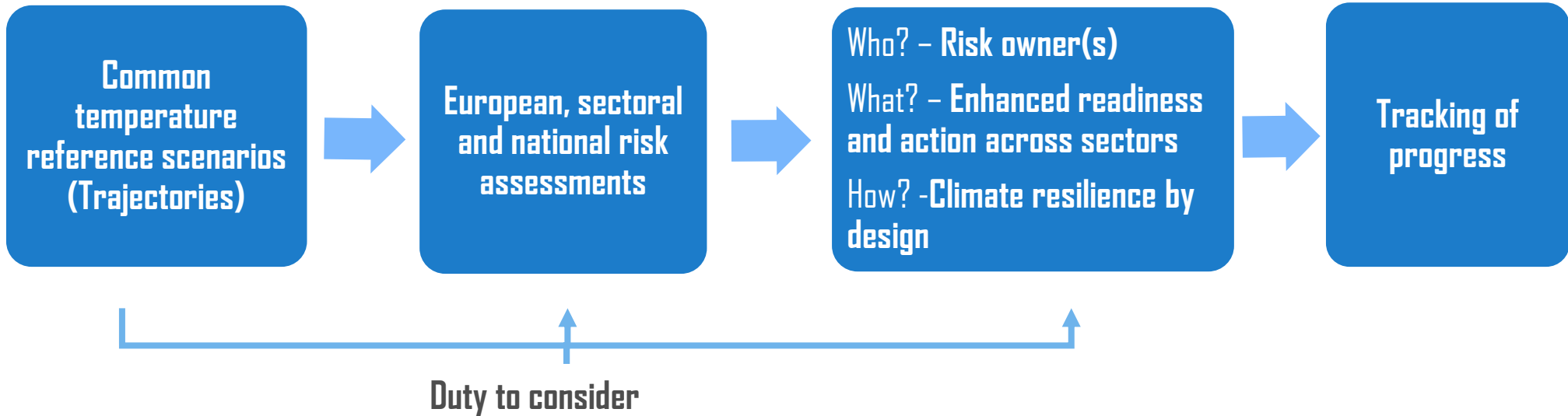
➤ **Opportunities:**

- o Establishment of clear direction of travel, with benefits for all
- o Promotion of whole-of-the-government approach
- o Building up momentum
- o Significant efficiency gains

➤ **Proposed rationale:**

- o Agreeing on key concepts, methods, tools, and 'common language' will support and facilitate stakeholders to collaboratively address accelerating climate risks in a transformative manner

**Digital tools (European climate viewer and navigator)**  
**Catalysing local action**  
**Finance and insurance**



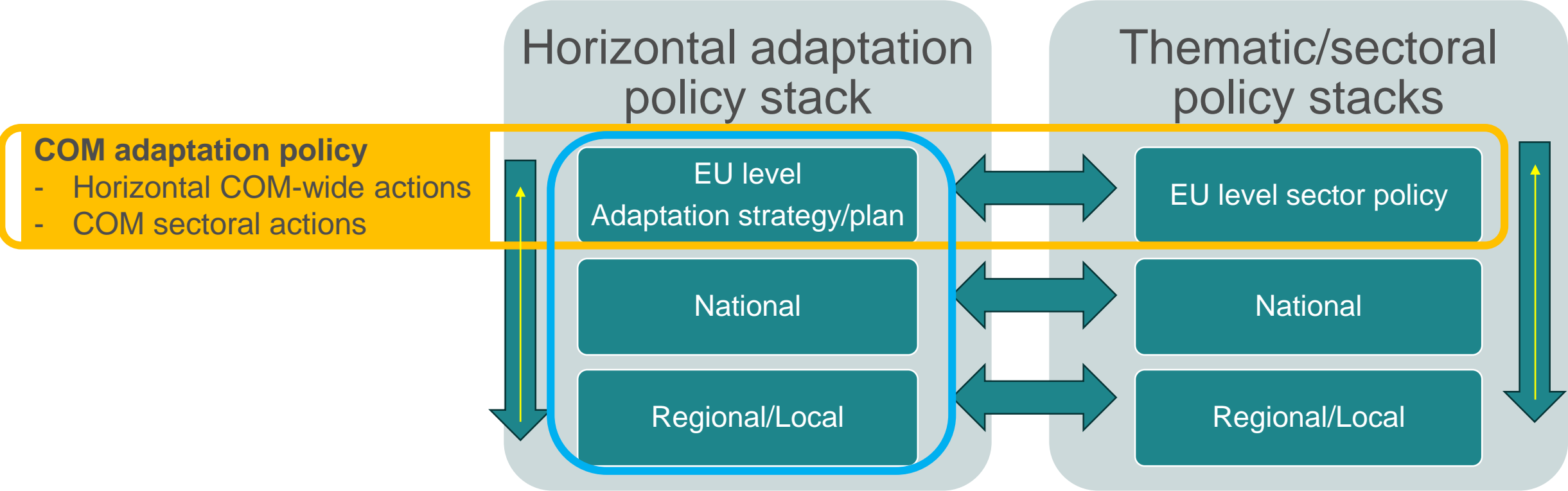
**Competitiveness & Security**  
**Just resilience**  
**Transnational & Sectoral dimensions**



**Deploying  
resilience by design  
across sectors and  
policies**

- **‘Mainstreaming’ resilience across sectors and policies, for more systemic and faster adaptation**
- **‘Resilience / preparedness by design’ embedded in several strategic Commission documents**
- **Needed: an upfront and proactive effort to consider and prevent, from the outset, plausible high-impact risks and losses when conceiving policies, investments and other measures**

# Integrating climate resilience in policymaking



# Sectoral approach - examples

## Transport & energy infrastructure

- Supply chains impacts
- Security risks

## Agriculture

- Food security
- Rural livelihoods

## Economy & Finance

- Systemic risk
- Low economy growth
- Climate protection gap

## Health & Quality of life

- Just Resilience
- Health system risks
- Occupational health and safety, labor productivity

# EUROPEAN CLIMATE VIEWER



Risk awareness  
digital tools &  
citizens/businesses  
empowerment

- **The problem:** Non-experts lack access to authoritative and harmonised climate change information for Europe. But the data is there!
- **The solution:** An online tool to show and provide quantitative climate change information for Europe, that everyone can use.



**Competitiveness  
& innovation  
opportunities**

- **Shifting from a reactive to a proactive ‘can do’ attitude**
- **Making the economic/business case for climate resilience across sectors**
- **Growing demand for resilience products and services**
- **Realising the great untapped potential for new markets and competitive advantage**

# Climate resilience products and services: some examples

<b>Agrifood</b>	Climate-resilient crops; Smart sensors (crop growth, water usage, emission tracking, soil fertility monitoring); Precision irrigation systems, ...	<b>Nature-based/ hybrid solutions</b>  Green roofs/walls; restoration/protection of ecosystems (dunes, wetlands, rivers), ...
<b>Health</b>	Vaccines for emerging vector-borne diseases, vaccines/pharma products not dependent on cold storage; public cooling centres/shelters,...	
<b>Infrastructure</b>	Flood control gates; cooling/ heating technologies and insulation; monitoring systems/tools which detect supply chain disruptions, ...	
<b>Water</b>	Rainwater harvesting systems; water purification systems; monitoring systems for heavy rainfall, ...	
<b>Energy</b>	Microgrids and decentralised energy systems; smart management energy systems (electricity distribution, detect power outage), ...	



- Insufficient resilience and low insurance penetration: uninsured economic losses keep growing
- Public and private money must work together
- **Reflection Group on Climate Resilience Financing**
  - Set up to analyse and reflect on how to facilitate private sector financing to support climate resilience
  - Report published in December 2025
- **Climate Resilience Dialogue**
  - Set up to propose actions to reduce climate protection gap in insurance
  - Report published in July 2024

Thank you